E-Mail and Internet Safety

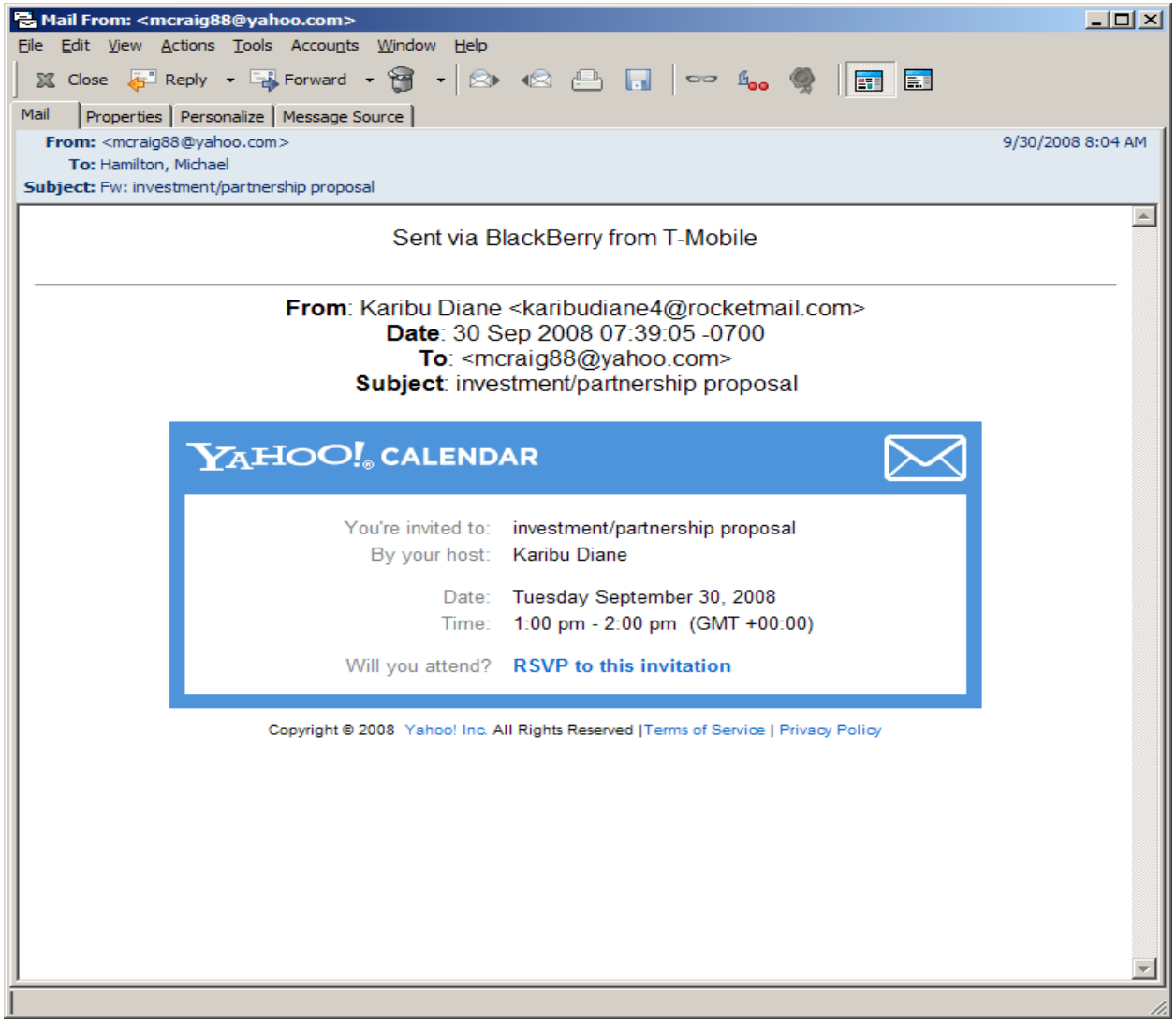
City of Seattle

Office of Information Security

E-MAIL ATTACKS

- You have received a card from an admirer!
- Nigerian 419, or Advance-Fee scams
- Become an EBay Powerseller!
- Your card was used in Bulgaria
- You've won the European e-mail lottery!
- Saddam Hussein Found Alive!
- Japan Tsunami video
- Unreadable Twitter messages
- Your Facebook password has been reset
- National Intelligence Council report

419 MEETING INVITATION!

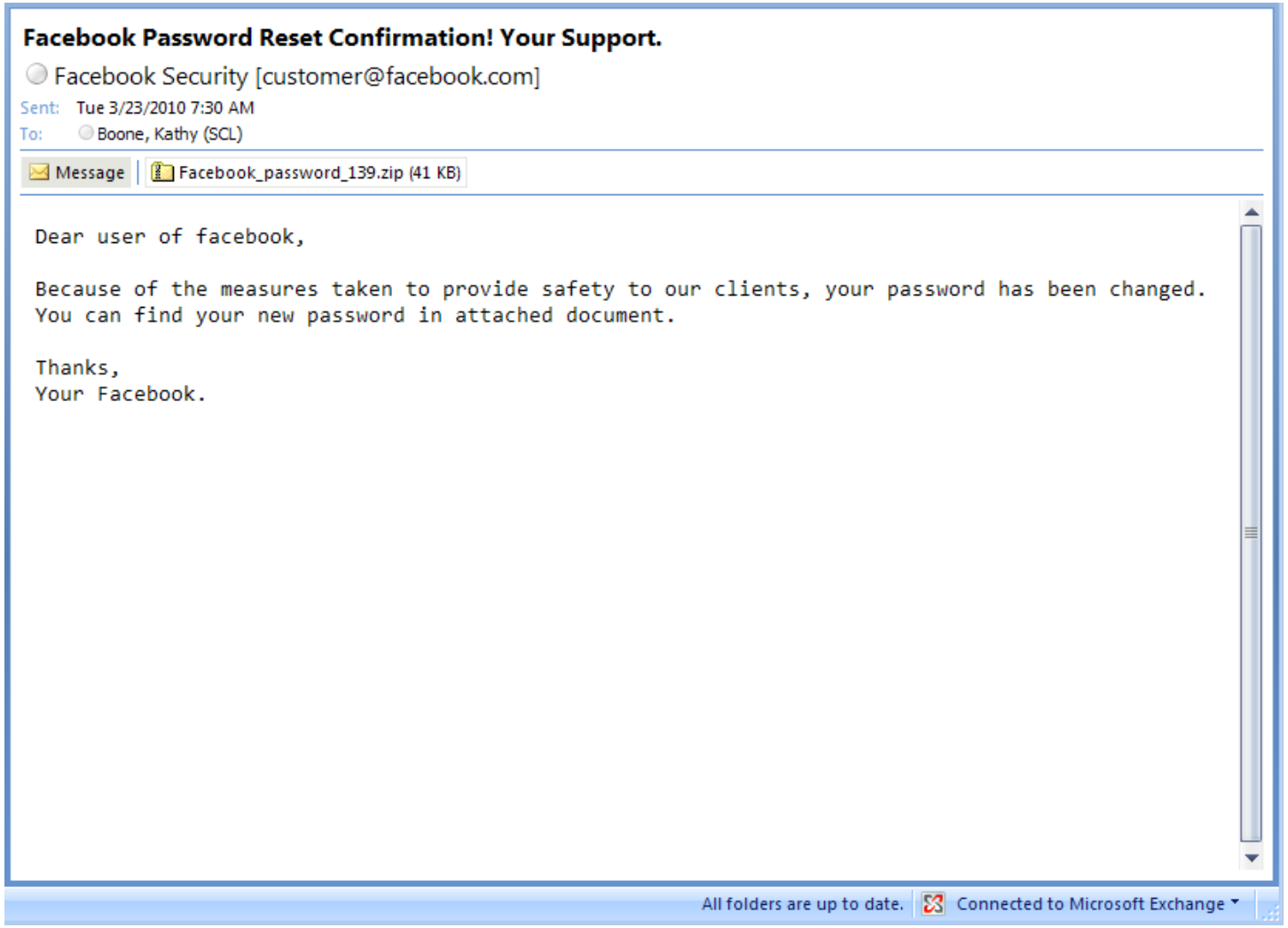


Pump-n-Dump

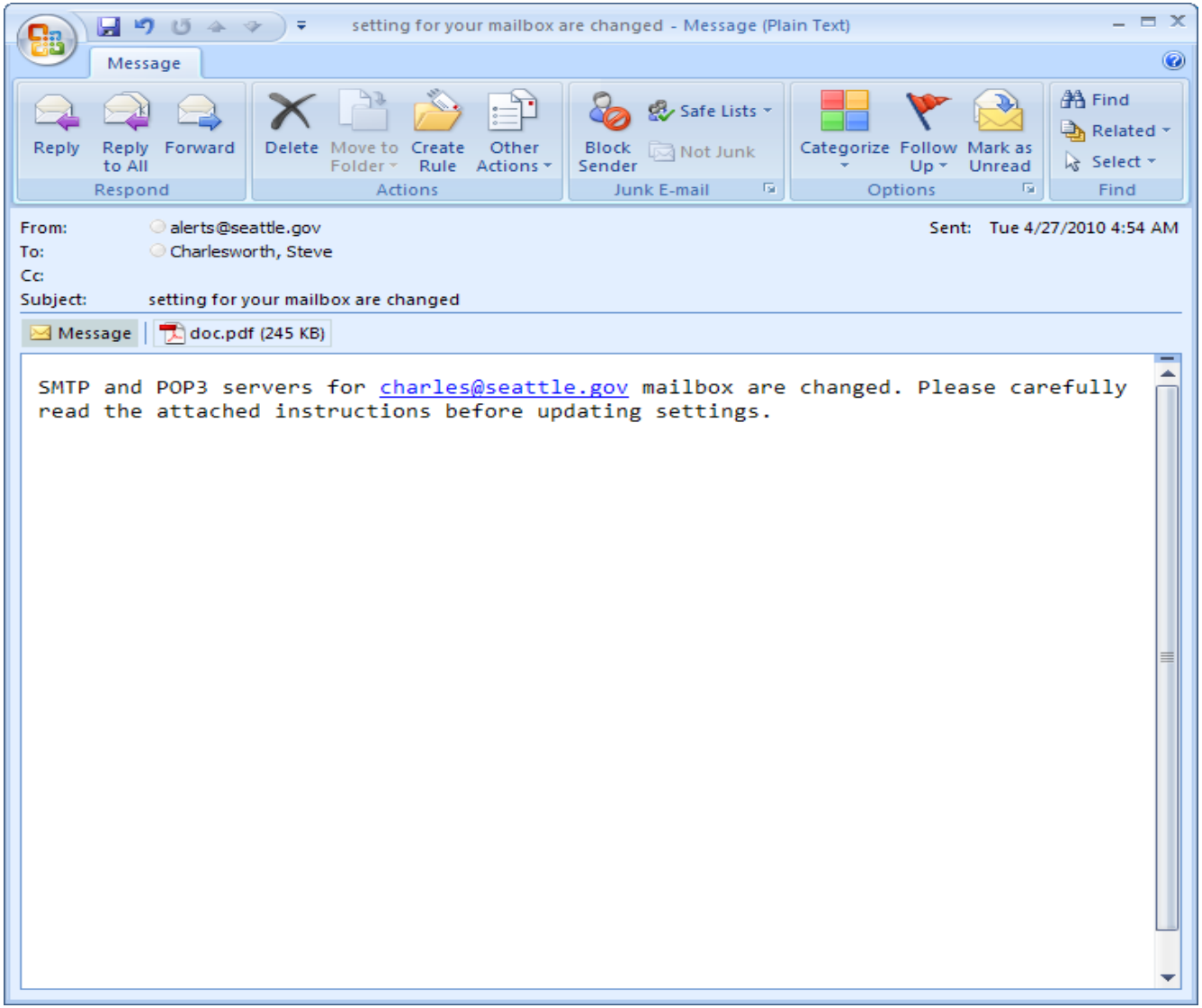
- Carnegie Cooke & Company, Inc. (CGKY)
  A Huge PR campaign is expected starting Wednesday
  and all next week so grab as much as you
  can up to $0.25 range.

- Infinex Ventures Inc. (IFNX) = OTC: IFNX.OB
  This One is Strong UP 0.50 (28.57%) Jan 9th Alone
  Huge PR Campaign Running for Tuesday Jan 10th
  We expect explosive growth thru Friday

FAKE FACEBOOK MESSAGE



FAKE SUPPORT MESSAGE



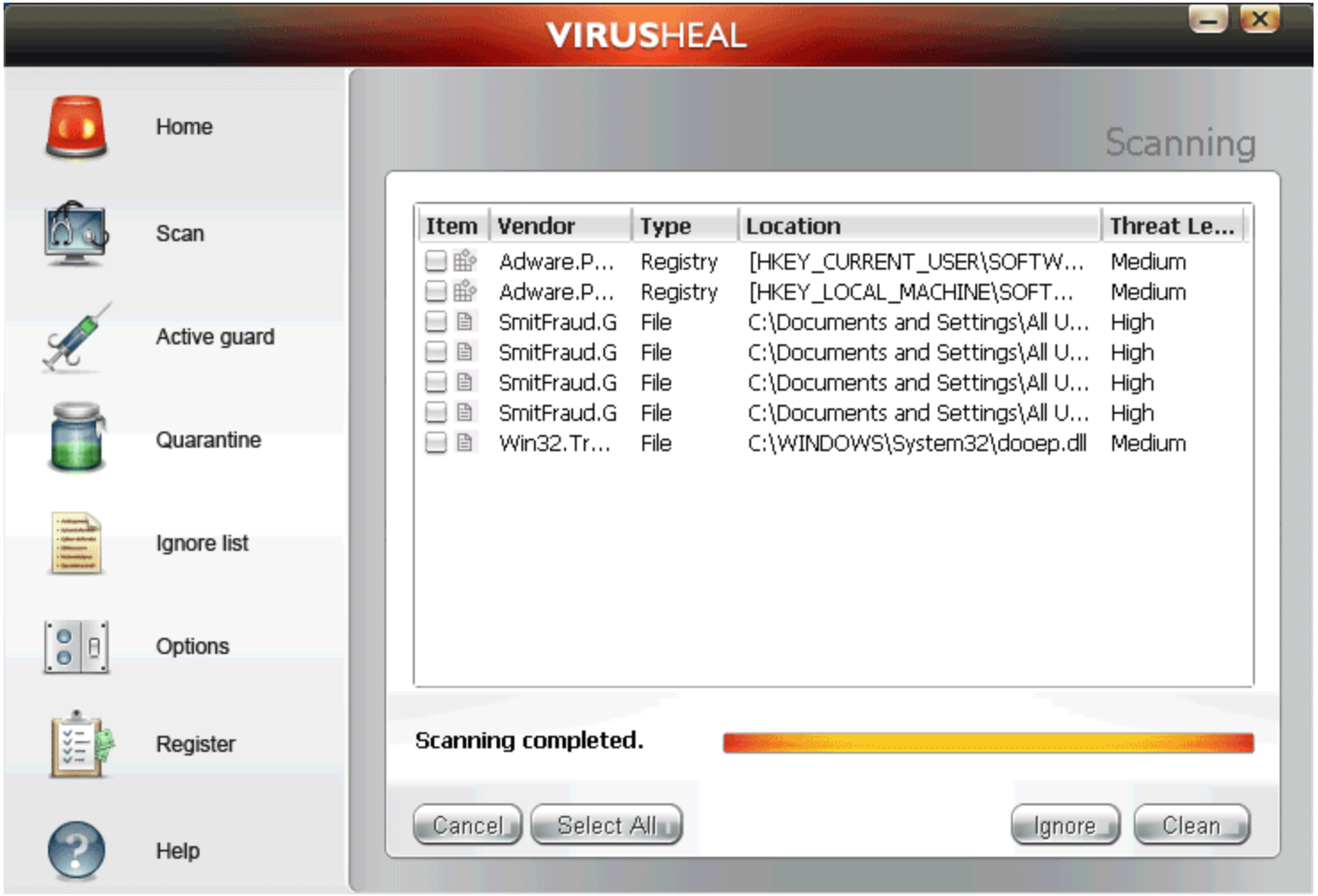
WHAT WAS WRONG WITH THOSE?

- Your real name was not used in the e-mail
- Grammar and spelling errors
- There is no European e-mail lottery
- You didn't expect any of these
- You're logged into Facebook right now, and know perfectly well they haven't reset your password!

HOSTILE WEBSITES

- Can exploit vulnerabilities on your computer just by visiting – "drive-by downloads"
- Usually deploy adware and spyware
- Golf site, gambling site – it doesn't matter
- Russian (and other) kits available to equip websites with deployment functionality: $999.00
- 285,000,000 clicks to compromised sites every month
- Newer payloads are keystroke loggers, botnet downloaders, etc

DRIVE-BY DOWNLOAD



WEBSITE BOOBY-TRAP KITS

WHAT MAKES THESE WORK?

- Bad decisions on the part of the user
- Vulnerable computers
- Readily-available exploits
- Use of psychology on the part of the

the threat actors, e.g. P2P and social networking bait

Questions ?

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